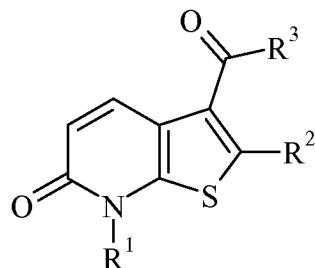


This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (previously presented) A compound of formula (I), or a pharmaceutically acceptable salt thereof:



(I)

wherein

R¹ represents an optionally substituted (C₃₋₇ cycloalkyl)methyl or aryl group;

R² represents hydrogen, nitro, cyano, -CO₂R^a, -CONR^bR^c, -NR^bR^c, -NR^dCOR^a, -NR^dCO₂R^a, -NR^dCONR^bR^c, -NR^dSO₂R^a or -NR^dCONHNHSO₂R^a;

R³ represents an optionally substituted aryl group;

wherein the optional substituents on R¹ and R³ are selected from the group consisting of halogen, cyano, nitro, C₁₋₆ alkyl, trifluoromethyl, hydroxy, C₁₋₆ alkoxy, difluoromethoxy, trifluoromethoxy, C₁₋₆ alkylsulphonyl, amino, C₁₋₆ alkylamino, di(C₁₋₆)-alkylamino, aminocarbonyl, and C₂₋₆ alkoxy carbonyl;

R^a represents hydrogen; C₁₋₆ alkyl optionally substituted by amino, C₁₋₆ alkylamino or di(C₁₋₆)alkylamino; or C₃₋₇ heterocycloalkyl optionally substituted by C₁₋₆ alkyl;

R^b represents hydrogen; C₁₋₆ alkyl optionally substituted by hydroxy, amino, C₁₋₆ alkylamino, di(C₁₋₆)alkylamino or C₃₋₇ heterocycloalkyl; C₂₋₆ alkenyl; C₃₋₇ cycloalkyl optionally substituted by amino, C₁₋₆ alkylamino or di(C₁₋₆)alkylamino; or C₃₋₇ heterocycloalkyl optionally substituted by C₁₋₆ alkyl; and

R^c represents hydrogen or C₁₋₆ alkyl; or

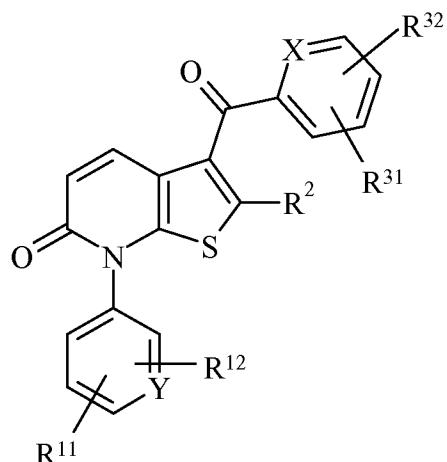
R^b and R^c, when taken together with the nitrogen atom to which they are attached, represent azetidin-1-yl optionally substituted by hydroxy, amino, C₁₋₆ alkylamino or di(C₁₋₆)alkylamino; pyrrolidin-1-yl optionally substituted by hydroxy, hydroxymethyl, amino, C₁₋₆ alkylamino or di(C₁₋₆)alkylamino; piperidin-1-yl optionally substituted by hydroxy, amino, C₁₋₆ alkylamino or di(C₁₋₆)alkylamino; piperazin-1-yl optionally substituted by C₁₋₆ alkyl; or morpholin-4-yl; and

R^d represents hydrogen or C₁₋₆ alkyl.

2. (previously presented) A compound as claimed in claim 1 wherein R¹ represents cyclopropylmethyl, phenyl, fluorophenyl, chlorophenyl, difluorophenyl, or methylphenyl.

3. (previously presented) A compound as claimed in claim 1 wherein R³ represents phenyl, fluorophenyl, difluorophenyl, chlorophenyl, (chloro)(fluoro)phenyl, bromophenyl, cyanophenyl, methylphenyl, (fluoro)(methyl)phenyl, dimethylphenyl, trifluoromethyl-phenyl, methoxyphenyl, (ethoxy)(methyl)phenyl, difluoromethoxy-phenyl, or trifluoromethoxy-phenyl.

4. (previously presented) A compound as claimed in claim 1 represented by formula (IIA) or a pharmaceutically acceptable salt thereof:



(IIA)

wherein

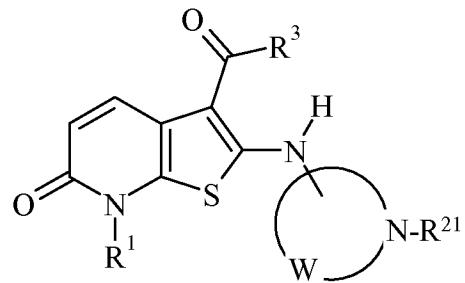
X represents CH;

Y represents CH; and

R¹¹, R¹², R³¹ and R³² each independently represent hydrogen, halogen, cyano, nitro, C₁₋₆ alkyl, trifluoromethyl, hydroxy, C₁₋₆ alkoxy, difluoromethoxy, trifluoromethoxy, C₁₋₆ alkylsulphonyl, amino, C₁₋₆ alkylamino, di(C₁₋₆)alkylamino, aminocarbonyl or C₂₋₆ alkoxycarbonyl.

5. (previously presented) A compound as claimed in claim 1 wherein R² represents -NR^bR^c.

6. (previously presented) A compound as claimed in claim 1 represented by formula (IIB) or a pharmaceutically acceptable salt thereof:



(IIB)

wherein

W represents the residue of an azetidine, pyrrolidine or piperidine ring; and

R²¹ represents hydrogen or C₁₋₆ alkyl.

7. (original) A compound as claimed in claim 6 wherein R²¹ represents methyl.

8. (previously presented) A compound as claimed in claim 1 that is:

Ethyl 3-(3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxylate;

3-(3-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxylic acid;
tert-Butyl [3-(3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]carbamate;
2-Amino-3-(3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-(3-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carbonitrile;
3-(3-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxamide;
2-(Azetidin-1-ylcarbonyl)-3-(3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-(3-Methylbenzoyl)-7-phenyl-2-(piperidin-1-yl)thieno[2,3-*b*]pyridin-6(7*H*)-one;
3-(3-Methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
Ethyl 3-benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxylate;
3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxylic acid;
tert-Butyl (3-benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)carbamate;
2-Amino-3-benzoyl-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)acetamide;
N-[3-(3-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)methanesulfonamide;
N-[3-(3-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]methanesulfonamide;
2-(Azetidin-1-yl)-3-(3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)piperidine-4-carboxamide;
N'-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*N,N*-dimethylurea;
N-(2-Hydroxy-2-methylpropyl)-*N'*-[3-(3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]urea;
4-Methyl-*N*-[3-(3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]piperazine-1-carboxamide;
N-[3-(3-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]urea;

N,N-Dimethyl-*N'*-[3-(3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]urea;

N-[3-(3-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]azetidine-1-carboxamide;

N-Allyl-*N'*-[3-(3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]urea;

(2*R*)-2-(Hydroxymethyl)-*N*-[3-(3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]pyrrolidine-1-carboxamide;

N-(1-Ethylpyrrolidin-3-yl)-*N'*-[3-(3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]urea;

N-[3-(3-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-2-(methylsulfonyl)hydrazinecarboxamide;

3-Benzoyl-*N*-methyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxamide;

2-(Azetidin-1-ylcarbonyl)-3-benzoyl-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-*N*-(1,1-dimethyl-2-hydroxyethyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxamide;

3-Benzoyl-*N,N*-dimethyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxamide;

3-Benzoyl-2-{[(2*S*)-2-(hydroxymethyl)pyrrolidin-1-yl]carbonyl}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-2-(morpholin-4-ylcarbonyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-7-phenyl-2-(pyrrolidin-1-ylcarbonyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carbonitrile;

3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxamide;

Ethyl 3-benzoyl-7-(cyclopropylmethyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxylate;

2-Amino-3-benzoyl-7-(cyclopropylmethyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-7-(2-chlorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridine-2-carbonitrile;

2-Amino-3-benzoyl-7-(2-chlorophenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(3-Chlorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxamide;

Ethyl 3-(3-chlorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxylate;
2-Amino-3-(3-chlorobenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
N-[3-(3-Chlorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
3-(2,4-Difluorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxamide;
3-(4-Fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxamide;
Ethyl 3-(4-fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxylate;
2-Amino-3-(4-fluoro-3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(4-ethoxy-3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-(3-Chloro-4-fluorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridine-2-carboxamide;
3-Benzoyl-2-(dimethylamino)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-7-phenyl-3-[3-(trifluoromethyl)benzoyl]thieno[2,3-*b*]pyridin-6(7*H*)-one;
N-{6-Oxo-7-phenyl-3-[3-(trifluoromethyl)benzoyl]-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl}acetamide;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-1-methylpiperidine-4-carboxamide;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-1-ethylpiperidine-4-carboxamide;
N-{6-Oxo-7-phenyl-3-[3-(trifluoromethyl)benzoyl]-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl}piperidine-4-carboxamide;
N-[3-(3-Chlorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]piperidine-4-carboxamide;
3-Benzoyl-2-[(3*R*)-3-hydroxypyrrolidin-1-yl]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-7-phenyl-2-{[2-(piperidin-1-yl)ethyl]amino}thieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-7-phenyl-2-{[2-(pyrrolidin-1-yl)ethyl]amino}thieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-7-phenyl-2-(piperidin-3-ylamino)thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-(Azetidin-3-ylamino)-3-benzoyl-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-2-[(1-methylazetidin-3-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(3-methoxybenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(2-chlorobenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(3-chloro-4-fluorobenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-[(2-Amino-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-3-yl)carbonyl]benzonitrile;
2-Amino-3-(2-fluorobenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(4-chlorobenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(4-fluorobenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(3-bromobenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(2,4-difluorobenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-7-phenyl-3-[3-(trifluoromethoxy)benzoyl]thieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(3,4-dimethylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(2-methoxybenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-[(2-Amino-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-3-yl)carbonyl]benzonitrile;
2-Amino-3-benzoyl-7-(4-methylphenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;
N-[3-Benzoyl-7-(2-chlorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(3-Chloro-4-fluorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-Benzoyl-7-(cyclopropylmethyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(2-Fluorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(4-Fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(4-Fluorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(3-Methoxybenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(3-Bromobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
2-Amino-7-phenyl-3-[4-(trifluoromethyl)benzoyl]thieno[2,3-*b*]pyridin-6(7*H*)-one;
4-[(2-Amino-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-3-yl)carbonyl]benzonitrile;
2-Amino-3-(4-methoxybenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-7-phenyl-3-[4-(trifluoromethoxy)benzoyl]thieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(2-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-(4-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-7-phenyl-3-[2-(trifluoromethyl)benzoyl]thieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-[3-(difluoromethoxy)benzoyl]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-[4-(difluoromethoxy)benzoyl]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-Amino-3-[2-(difluoromethoxy)benzoyl]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
N-{6-Oxo-7-phenyl-3-[3-(trifluoromethoxy)benzoyl]-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl}acetamide;
N-[3-(3,4-Dimethylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(2-Methoxybenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(2-Cyanobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(2-Chlorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(2-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(4-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*N'*-(2-hydroxy-2-methylpropyl)urea;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*N'*-(2-hydroxy-1,1-dimethylethyl)urea;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-4-methylpiperazine-1-carboxamide;
(3*R*)-*N*-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-3-hydroxypyrrolidine-1-carboxamide;
2-Amino-7-(cyclopropylmethyl)-3-(4-fluoro-3-methylbenzoyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;
N-[7-(Cyclopropylmethyl)-3-(4-fluoro-3-methylbenzoyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;

N-[7-(Cyclopropylmethyl)-3-(4-fluoro-3-methylbenzoyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(2-hydroxy-2-methylpropyl)urea;

N-[7-(Cyclopropylmethyl)-3-(4-fluoro-3-methylbenzoyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(2-hydroxy-1,1-dimethylethyl)urea;

7-(2-Chlorophenyl)-3-(4-fluoro-3-methylbenzoyl)-2-nitrothieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-7-(2-chlorophenyl)-3-(4-fluoro-3-methylbenzoyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

N-[7-(2-Chlorophenyl)-3-(4-fluoro-3-methylbenzoyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;

N-[3-Benzoyl-7-(2-chlorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]piperidine-4-carboxamide hydrochloride;

N-[3-Benzoyl-7-(2-chlorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(2-hydroxy-1,1-dimethylethyl)urea;

N-[3-Benzoyl-7-(2-chlorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(2-hydroxy-2-methylpropyl)urea;

N-[3-(4-Fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(2-hydroxy-2-methylpropyl)urea;

3-Benzoyl-2-nitro-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-7-phenyl-3-[2-(trifluoromethoxy)benzoyl]thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-3-(3-fluorobenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-7-(2-chlorophenyl)-3-(3-methylbenzoyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-3-benzoyl-7-(2-fluorophenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-3-(4-fluoro-3-methylbenzoyl)-7-(2-fluorophenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-7-(2-fluorophenyl)-3-(3-methylbenzoyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

N-{3-[3-(Difluoromethoxy)benzoyl]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl}acetamide;

N-[3-(3-Fluorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;

N-[7-(2-Chlorophenyl)-3-(3-methylbenzoyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;

N-[3-Benzoyl-7-(2-fluorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[3-(4-Fluoro-3-methylbenzoyl)-7-(2-fluorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-[7-(2-Fluorophenyl)-3-(3-methylbenzoyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]acetamide;
N-1-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)glycinamide;
N-1-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*N*-2-methylglycinamide;
N-1-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*N*-2,*N*-2-dimethylglycinamide;
N-1-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*D*-alaninamide hydrochloride;
N-1-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*beta*-alaninamide hydrochloride;
N-[3-Benzoyl-7-(cyclopropylmethyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]piperidine-4-carboxamide hydrochloride;
N-[3-(4-Fluoro-3-methylbenzoyl)-7-(2-fluorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]piperidine-4-carboxamide hydrochloride;
N-[3-(4-Fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]piperidine-4-carboxamide;
N-[3-Benzoyl-7-(2-chlorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-1-methylpiperidine-4-carboxamide;
N-[3-(4-Fluoro-3-methylbenzoyl)-7-(2-fluorophenyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-1-methylpiperidine-4-carboxamide;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*D*-prolinamide hydrochloride;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*L*-prolinamide hydrochloride;
N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-1-methyl-*L*-prolinamide;

N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-1-methyl-*D*-prolinamide;

N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*N'*-(2-hydroxyethyl)urea;

N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*N'*-(*(3R*)-1-methylpyrrolidin-3-yl]urea;

(*3R*)-*N*-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-3-(dimethylamino)pyrrolidine-1-carboxamide;

(*3S*)-*N*-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-3-(dimethylamino)pyrrolidine-1-carboxamide;

N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*N'*-(*(3S*)-pyrrolidin-3-yl]urea hydrochloride;

(*3R*)-3-Amino-*N*-(3-benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)pyrrolidine-1-carboxamide hydrochloride;

(*3S*)-3-Amino-*N*-(3-benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)pyrrolidine-1-carboxamide hydrochloride;

N-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-*N'*-(*(3S*)-1-methylpyrrolidin-3-yl]urea;

(*3S*)-*N*-(3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl)-3-(isopropylamino)pyrrolidine-1-carboxamide;

N-[3-(4-Fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(1,1-dimethyl-2-hydroxyethyl)urea;

N-[3-(4-Fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(*(3R*)-pyrrolidin-3-yl]urea hydrochloride;

N-[3-(4-Fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(*(3R*)-1-methylpyrrolidin-3-yl]urea;

N-(*(3R*)-1-Ethylpyrrolidin-3-yl)-*N'*-[3-(4-fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]urea;

(*3R*)-3-(Dimethylamino)-*N*-[3-(4-fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]pyrrolidine-1-carboxamide;

(3*S*)-3-(Dimethylamino)-*N*-[3-(4-fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]pyrrolidine-1-carboxamide;
N-[3-(4-Fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-4-methylpiperazine-1-carboxamide;
N-[7-(2-Chlorophenyl)-3-(4-fluoro-3-methylbenzoyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(1,1-dimethyl-2-hydroxyethyl)urea;
N-[3-Benzoyl-7-(cyclopropylmethyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(1,1-dimethyl-2-hydroxyethyl)urea;
N-[3-Benzoyl-7-(cyclopropylmethyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-*N'*-(2-hydroxy-2-methylpropyl)urea;
3-Benzoyl-7-phenyl-2-(piperidin-4-ylamino)thieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-2-[(1-methylpiperidin-4-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-7-phenyl-2-[(3*R*)-pyrrolidin-3-ylamino]thieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-2-{[(3*R*)-1-methylpyrrolidin-3-yl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one hydrochloride;
3-Benzoyl-7-phenyl-2-[(3*S*)-pyrrolidin-3-ylamino]thieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-2-{[(3*S*)-1-methylpyrrolidin-3-yl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-2-[(3*S*)-3-(dimethylamino)pyrrolidin-1-yl]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-(3-Aminoazetidin-1-yl)-3-benzoyl-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-(4-Aminopiperidin-1-yl)-3-benzoyl-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-2-[3-(dimethylamino)azetidin-1-yl]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
2-[(Azetidin-3-ylmethyl)amino]-3-benzoyl-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-2-{[(1-methylazetidin-3-yl)methyl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-2-(morpholin-4-yl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
3-Benzoyl-2-{[3-(dimethylamino)-2,2-dimethylpropyl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;
N-[3-(4-Fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-1-methylpiperidine-4-carboxamide;

2-(Azetidin-3-ylamino)-3-(4-fluoro-3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-2-[(1-methylazetidin-3-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-7-phenyl-2-(piperidin-4-ylamino)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-2-[(1-methylpiperidin-4-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-7-phenyl-2-[(3*R*)-pyrrolidin-3-ylamino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-2-[(3*R*)-1-methylpyrrolidin-3-yl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-7-phenyl-2-[(3*S*)-pyrrolidin-3-ylamino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-2-[(3*S*)-1-methylpyrrolidin-3-yl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(3-Methylbenzoyl)-7-phenyl-2-(piperidin-4-ylamino)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(3-Methylbenzoyl)-2-[(1-methylpiperidin-4-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-(Azetidin-3-ylamino)-3-(3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-[(1-Methylazetidin-3-yl)amino]-3-(3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-7-phenyl-2-[(3*R*)-piperidin-3-ylamino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-2-[(3*R*)-1-methylpiperidin-3-yl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-7-phenyl-2-[(3*S*)-piperidin-3-ylamino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-2-[(3*S*)-1-methylpiperidin-3-yl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-2-[(1-ethylazetidin-3-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-2-[(1-isopropylazetidin-3-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-2-[(1-ethylpiperidin-4-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-2-[(1-isopropylpiperidin-4-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-2-{[(3*S*)-1-isopropylpyrrolidin-3-yl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-[(*trans*-4-Aminocyclohexyl)amino]-3-benzoyl-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-[(1-Ethylpiperidin-4-yl)amino]-3-(3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-[(1-Isopropylpiperidin-4-yl)amino]-3-(3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(3-Methylbenzoyl)-7-phenyl-2-[(3*S*)-pyrrolidin-3-ylamino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(3-Methylbenzoyl)-2-{[(3*S*)-1-methylpyrrolidin-3-yl]amino}-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-[(1-Ethylazetidin-3-yl)amino]-3-(4-fluoro-3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-2-[(1-isopropylazetidin-3-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-[(1-Ethylpiperidin-4-yl)amino]-3-(4-fluoro-3-methylbenzoyl)-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-2-[(1-isopropylpiperidin-4-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-(Azetidin-3-ylamino)-3-benzoyl-7-(cyclopropylmethyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-7-(cyclopropylmethyl)-2-[(1-methylazetidin-3-yl)amino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-(Azetidin-3-ylamino)-7-(cyclopropylmethyl)-3-(4-fluoro-3-methylbenzoyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

7-(Cyclopropylmethyl)-3-(4-fluoro-3-methylbenzoyl)-2-[(1-methylazetidin-3-yl)amino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(3-Methoxybenzoyl)-2-[(1-methylpiperidin-4-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(3-Chloro-4-fluorobenzoyl)-2-[(1-methylpiperidin-4-yl)amino]-7-phenylthieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-3-benzoyl-7-(2,6-difluorophenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-(Azetidin-3-ylamino)-3-benzoyl-7-(2,6-difluorophenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-7-(2,6-difluorophenyl)-2-[(1-methylazetidin-3-yl)amino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-7-(2,6-difluorophenyl)-3-(4-fluoro-3-methylbenzoyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

N-[7-(2,6-Difluorophenyl)-3-(4-fluoro-3-methylbenzoyl)-6-oxo-6,7-dihydrothieno[2,3-*b*]pyridin-2-yl]-1-methylpiperidine-4-carboxamide;

7-(2,6-Difluorophenyl)-3-(4-fluoro-3-methylbenzoyl)-2-[(1-methylpiperidin-4-yl)amino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-(Azetidin-3-ylamino)-3-benzoyl-7-(4-methylphenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-2-[(1-methylazetidin-3-yl)amino]-7-(4-methylphenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-3-(4-fluoro-3-methylbenzoyl)-7-(4-methylphenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-(Azetidin-3-ylamino)-3-(4-fluoro-3-methylbenzoyl)-7-(4-methylphenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-(4-Fluoro-3-methylbenzoyl)-2-[(1-methylazetidin-3-yl)amino]-7-(4-methylphenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-3-(4-fluoro-3-methylbenzoyl)-7-(4-fluorophenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-Amino-3-benzoyl-7-(4-fluorophenyl)thieno[2,3-*b*]pyridin-6(7*H*)-one;

3-Benzoyl-7-(4-fluorophenyl)-2-[(1-methylpiperidin-4-yl)amino]thieno[2,3-*b*]pyridin-6(7*H*)-one;

2-(Azetidin-3-ylamino)-7-(2,6-difluorophenyl)-3-(4-fluoro-3-methylbenzoyl)thieno[2,3-*b*]pyridin-6(7*H*)-one; or

3-(4-Fluoro-3-methylbenzoyl)-7-(4-fluorophenyl)-2-[(1-methylpiperidin-4-yl)amino]thieno[2,3-*b*]pyridin-6(7*H*)-one.

9. (previously presented) A pharmaceutical composition comprising a compound as claimed in claim 1, or a pharmaceutically acceptable salt thereof, in association with a pharmaceutically acceptable carrier.

10. (canceled)

11-25. (canceled)